



[DOC] Sedimentary Rocks In The Field: A Color Guide

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Sedimentary Rocks in the Field-Dorrik A.V. Stow 2005-04-13 "Ideas and concepts in sedimentology are changing rapidly, but field work and data collection remain the basis of the science. This book is intended as a guide to the recognition and description of sedimentary rocks in the field. It aims to help students and professional geologists know what to observe and record, and how best to interpret this data. The emphasis is on illustrating the principal types of sedimentary rocks, which is accomplished through more than 450 color photos and explanatory drawings. The introductory chapter defines the main types of sedimentary rocks, their classification, and their economic significance. The author then goes on to describe standard field techniques and provides a comprehensive summary of the principal characteristics of sedimentary rocks. Additional chapters cover each of the main rock types and describe how to interpret rocks and their features in terms of depositional environments." "This book is an ideal field companion for undergraduate and graduate students of geology, environmental sciences, hydrogeology, oceanography, and more. Professionals in petroleum geology and resource management, as well as budding geologists, will also find this to be an indispensable reference."--BOOK JACKET.

Sedimentary Rocks in the Field-Maurice E. Tucker 2011-06-28 This fourth edition builds on the success of previous editions and for the first time is produced in full colour throughout with improved photos and diagrams. It retains its popular pocket size and is an essential buy for all students working in the field. The text shows how sedimentary rocks are tackled in the field and has been written for all those with a geological background. It describes how the features of sedimentary rocks can be recorded in the field particularly through the construction of graphic logs. In succeeding chapters the various sedimentary rock types, textures and structures are discussed and shown how they can be described and measured in the field. There are expanded sections on trace fossils and volcanoclastics along with updated reference list. Finally a concluding section deals briefly with facies identification and points the ways towards facies interpretations, and the identification of sequences and cycles. Key Features: Full colour throughout with improved photos, figures and diagrams in a modern layout. Complete revision and update of best selling textbook which is part of the highly successful Field Guide series. Expanded sections on trace fossils and volcanoclastics along with updated reference list. Handy pocket size with laminated cover. Includes supplementary website with downloadable logging sheets for fieldwork activities.

A Field Description of Sedimentary Rocks-Maurice E. Tucker 1991-08-15 A practical volume that describes how the features of sedimentary rocks can be recorded in the field, particularly through the construction of graphic logs. Discusses such particular aspects of sedimentary rocks as lithology, texture, sedimentary structures, fossils and paleocurrents, with emphasis on what features to look for and how to measure and assess them for later environmental and process interpretation of facies, facies sequences, and facies associations.

Sedimentary Rocks in the Field-Dorrik A. V. Stow 2005-04-18 A guide to the recognition and description of sedimentary rocks in the field. It aims to help the geologist know what to observe and record and how best to interpret this data and is of value to students, amateur enthusiasts and professional geologists.

Sedimentary Rocks in the Field-Maurice E. Tucker 1996-04-19 Sedimentary rocks are widely distributed at the Earth's surface and their accurate description is essential for interpretations of depositional environments and palaeo-geography. Designed to be used in the field, this book describes both techniques and approaches and discusses particular aspects including composition, texture, sedimentary structures and fossils. Explanations are aided by the inclusion of detailed illustrations.

A Pictorial Guide to Metamorphic Rocks in the Field-Kurt Hollocher 2014-11-21 This book is an illustrative introduction to metamorphic rocks as seen in the field, designed for advanced high school to graduate-level earth science and geology students to jump-start their observational skills. In addition to photographs of rocks in the field, there are numerous line diagrams and examples of metamorphic features shown in thin section. The thin section photos are all at a scale and in a context that can be related to views seen in the field through a hand lens.

The Field Description of Igneous Rocks-Dougal Jerram 2011-07-13 The Second Edition of this unique pocket field guide has been thoroughly revised and updated to include advances in physical volcanology, emplacement of magmas and interpreting structures and textures in igneous rocks. The book integrates new field based techniques (AMS and geophysical studies of pluton shape) with new topics on magma mixing and mingling, sill emplacement and magma sediment interaction. Part of the successful Field Guide series, this book includes revised sections on granitic and basaltic rocks and for the first time a new chapter on the engineering properties of igneous rocks. The Geological Field Guide Series is specifically designed for scientists and students to use in the field when information and resources may be more difficult to access. Many editions have been updated for 2011 and the guides are: Student-friendly in design and cost Durable Lightweight Pocket-sized Reliable Concise Visit the series homepage at www.wiley.com/go/geologicalfield

Physical Geology-Steven Earle 2019 "Physical Geology is a comprehensive introductory text on the physical aspects of geology, including rocks and minerals, plate tectonics, earthquakes, volcanoes, glaciation, groundwater, streams, coasts, mass wasting, climate change, planetary geology and much more. It has a strong emphasis on examples from western Canada, especially British Columbia, and also includes a chapter devoted to the geological history of western Canada. The book is a collaboration of faculty from Earth Science departments at Universities and Colleges across British Columbia and elsewhere"--BCCampus website.

Geological Field Techniques-Angela L. Coe 2011-07-26 The understanding of Earth processes and environments over geological time is highly dependent upon both the experience that can only be gained through doing fieldwork, and the collection of reliable data and appropriate samples in the field. This textbook explains the main data gathering techniques used by geologists in the field and the reasons for these, with emphasis throughout on how to make effective field observations and record these in suitable formats. Equal weight is given to assembling field observations from igneous, metamorphic and sedimentary rock types. There are also substantial chapters on producing a field notebook, collecting structural information, recording fossil data and constructing geological maps. The volume is in a robust and handy size, with colour coded chapters for ease of use and quick reference in the field. Geological Field Techniques is designed for students, amateur enthusiasts and professionals who have a background in geology and wish to collect field data on rocks and geological features. Teaching aspects of this textbook include: step-by-step guides to essential practical skills such as using a compass-clinometer, making a geological map and drawing a field sketch; tricks of the trade, checklists, flow charts and short worked examples; over 200 illustrations of a wide range of field notes, maps and geological features; appendices with the commonly used rock description and classification diagrams; a supporting website hosted by Wiley Blackwell.

Sedimentary Rocks in the Field-D.A.V. Stow 2005

Applied Sedimentology-Richard C. Selley 2000-05-24 There are three types of rock—igneous, metamorphic and sedimentary. Sedimentary rocks form from the weathering, erosion, transportation and deposition of older rocks. Applied Sedimentology describes the formation, transportation and deposition of sediment, and the post-depositional processes that change soft sediment into sedimentary rock. Sedimentary rocks include sandstones, limestones and mudstones. All the world's coal, most of its water and fossil fuels, and many mineral deposits occur in sedimentary rocks. Applied Sedimentology shows how the study of sediments aids the exploration for and exploitation of natural resources, including water, ores and hydrocarbons. * Completely revised edition: Like its precursor, it describes sediments from sand grains to sedimentary basins; Features up-to date account and critique of sequence and cyclostratigraphy * Extensively illustrated with photos and remotely sensed sea bed images describing sedimentary processes, products and depositional systems; Color plates illustrate sediment textures, lithologies, pore types, diagenetic textures, and carbonate and clastic sequence stratigraphic models * Emphasises the applications of sedimentology to the exploration for and exploitation of natural resources, including water, ores and hydrocarbons * Extensive references and up-to-date bibliography for further study

Basic Geological Mapping-John W. Barnes 2013-04-03 Designed to be carried in the field, this pocket-sized how-to book is a practical guide to basic techniques in mapping geological structures. In addition to including the latest computerised developments, the author provides succinct information on drawing cross-sections and preparing and presenting 'fair copy' maps and geological diagrams. Contains a brief chapter on the essentials of report writing and discusses how to keep adequate field notebooks. A checklist of equipment needed in the field can be found in the appendices. Quote from 3rd edition "provides a wealth of good advice on how to measure, record and write reports of geological field observations" The Naturalist

Petrology of Sedimentary Rocks-Sam Boggs 2009-02-19 Advanced textbook outlining the physical, chemical, and biological properties of sedimentary rocks through petrographic microscopy, geochemical techniques, and field study.

Manual of Field Geology.–Robert R Compton 2020-12-04 Describes the methods, procedures, and specialized equipment of field work in geology and includes a guide to making maps of specific areas. A guide to advances in the increasingly broad and interpretive discipline of formation mapping theory. Thorough, yet compact enough for use in the field, it consists of brief descriptions of textures and structures useful in interpreting depositional environments, kinds of volcanic activity, and plutonic events and conditions. Included are procedures often reserved for the laboratory or office: staining rocks, correcting orientations of current indicators, constructing profile sections of folds, measuring strains, making photogeologic interpretations, and more. Covers pre-field considerations, methods of observation and measurement, recognition of key geologic features, and preparation of a report. Illustrated with composite drawings

Geology in the Field-Robert R. Compton 1985-08-05 Replaces Compton's Manual of Field Geology (1962). A guide to advances in the increasingly broad and interpretive discipline of formation mapping theory. Thorough, yet compact enough for use in the field, it consists of brief descriptions of textures and structures useful in interpreting depositional environments, kinds of volcanic activity, and plutonic events and conditions. Included are procedures often reserved for the laboratory or office: staining rocks, correcting orientations of current indicators, constructing profile sections of folds, measuring strains, making photogeologic interpretations, and more. Covers pre-field considerations, methods of observation and measurement, recognition of key geologic features, and preparation of a report. Illustrated with composite drawings. Fourteen appendixes provide systemized data and procedures.

Field Palaeontology-Roland Goldring 2018-10-08 "This is the major text on the integration of field palaeontology and sedimentology, particularly valuable for both practical lab exercises and students working independently and unsupervised on field projects" Reviewer's comment Field Palaeontology provides a comprehensive, rigorous and unique approach to the analysis of fossils and sediments and offers a practical field guide which no palaeontology student can afford to be without. The past decade has seen immense changes in palaeontology and in the study of sedimentary rocks in general. This edition has been thoroughly revised to take into account these advancements in the subject to produce a book that is unique in its coverage of palaeontology and sedimentology. It aims to provide a basis for evaluating the information potential of fossiliferous sediments, and then to give an outline of the strategy and tactics which can be adopted in the field. Field Palaeontology is written for advanced undergraduate courses in palaeontology, palaeoecology, palaeobiology, sedimentology and biostratigraphy within geoscience and geology degrees. It is also useful reading for Masters earth science students and first year postgraduates looking for a grounding in the basics of the subject.

Sediment Provenance-Rajat Mazumder 2016-10-08 Sediment Provenance: Influences on Compositional Change from Source to Sink provides a thorough and inclusive overview that features data-based case studies on a broad range of dynamic aspects in sedimentary rock structure and deposition. Provenance data plays a critical role in a number of aspects of sedimentary rocks, including the assessment of palaeogeographic reconstructions, the constraints of lateral displacements in orogens, the characterization of crust which is no longer exposed, the mapping of depositional systems, sub-surface correlation, and in predicting reservoir quality. The provenance of fine-grained sediments—on a global scale—has been used to monitor crustal evolution, and sediment transport is paramount in considering restoration techniques for both watershed and river restoration. Transport is responsible for erosion, bank undercutting, sandbar formation, aggradation, gullyng, and plugging, as well as bed form migration and generation of primary sedimentary structures. Additionally, the quest for reservoir quality in contemporary hydrocarbon exploration and extraction necessitates a deliberate focus on diagenesis. This book addresses all of these challenges and arms geoscientists with an all-in-one reference to sedimentary rocks, from source to deposition. Provides the latest data available on various aspects of sedimentary rocks from their source to deposition Features case studies throughout that illustrate new data and critical analyses of published data by some of the world’s most pre-eminent sedimentologists Includes more than 150 illustrations, photos, figures, and diagrams that underscore key concepts

Laboratory Manual for Introductory Geology-Bradley Deline 2016-01-05 Developed by three experts to coincide with geology lab kits, this laboratory manual provides a clear and cohesive introduction to the field of geology. Introductory Geology is designed to ease new students into the often complex topics of physical geology and the study of our planet and its makeup. This text introduces readers to the various uses of the scientific method in geological terms. Readers will encounter a comprehensive yet straightforward style and flow as they journey through this text. They will understand the various spheres of geology and begin to master geological outcomes which derive from a growing knowledge of the tools and subjects which this text covers in great detail.

Geological History of Britain and Ireland-Nigel H. Woodcock 2009-04-01 Britain, Ireland and their surrounding areas have a remarkablyvaried geology for so small a fragment of continental crust. Thisregion contains a fine rock record from all the geological periodsfrom Quaternary back to Cambrian, and a less continuous but stillimpressive catalogue of events back through nearly 2500 millionyears of Precambrian time. This protracted geological history wouldhave been interesting enough to reconstruct if it had been playedout on relatively stable continental crust. However, Britain andIreland have developed instead at a tectonic crossroads, on crusttraversed intermittently by subduction zones and volcanic arcs,continental rifts and mountain belts. The resulting complexitymakes the geological history of this region at once fascinating andnderplexing. Geological History of Britain and Ireland tells thegeological story of the region at a level accessible toundergraduate geologists, as well as to postgraduates,professionals or informed amateurs. The book takes amulti-disciplinary rather than a purely stratigraphical approach, and aims to bring to life the processes behind the catalogue ofhistorical events. Full coverage is given to the rich Precambrianand Early Palaeozoic history, as well as to later events morerelevant to hydrocarbon exploration. The book is profuselyillustrated and contains guides to further reading and fullreferences to data sources, making it an essential starting pointfor more detailed studies of the regional geology. All British Earth science undergraduates will be required tospend some time studying British Geological History, and this bookwill be the only one available to British undergraduates The book takes a process-based approach, rather than simplydescribing the regional stratigraphy Lavishly illustrated with high-quality diagrams

Rocks and Rock Minerals-Louis Valentine Pirsson 1908

A Practical Guide to Rock Microstructure-Ron H. Vernon 2004-10-07 Rock microstructures provide clues for the interpretation of rock history. A good understanding of the physical or structural relationships of minerals and rocks is essential for making the most of more detailed chemical and isotopic analyses of minerals. Ron Vernon discusses the basic processes responsible for the wide variety of microstructures in igneous, sedimentary, metamorphic and deformed rocks, using high-quality colour illustrations. He discusses potential complications of interpretation, emphasizing pitfalls, and focussing on the latest techniques and approaches. Opaque minerals (sulphides and oxides) are referred to where appropriate. The comprehensive list of relevant references will be useful for advanced students wishing to delve more deeply into problems of rock microstructure. Senior undergraduate and graduate students of mineralogy, petrology and structural geology will find this book essential reading, and it will also be of interest to students of materials science.

Metamorphic, Igneous and Sedimentary Rocks : Sorting Them Out - Geology for Kids | Children's Earth Sciences Books-Baby Professor 2017-05-15 Rocks are magnificent. Some are very hard while others are relatively soft. Some were made from sediments that formed together, others from hardened lava and still others from a combination of these processes. Can your child identify which rocks are metamorphic, sedimentary and igneous? Get his/her definitions straight first by reading this book!

The Encyclopedia of Field and General Geology-Charles W. Finkl 1988-04-30 Field work, supplemented by laboratory studies, is a cornerstone for the geological sciences. This volume provides an introduction to general field work through selected topics that illustrate specific techniques and methodologies. One hundred and twenty-three main entries prepared by leading authorities from around the world deal with aspects of exploration surveys, geotechnical engineering, environmental management, field techniques, mapping, prospecting, and mining. Special efforts were made to include topics that consider aspects of environmental geology in particular those subjects that involve field inspections related to, for example, the placement of artificial fills, sediment control in canals and waterways, the geologic effects of cities, or the importance of expansive soils to environmental management and engineering. In addition, some widely ranging topics dealing with legal affairs, geological methodology, the scope and organization of geology, report writing, and other concepts, such as those related to plate tectonics and continental drift, provide a necessary perspective to the arena of field geology.

Vanadium-Baoxiang Yang 2020-11-28 Vanadium: Extraction, Manufacturing and Applications offers systematic coverage of the state-of-the-art in research and development of vanadium. Five chapters cover the basic background of vanadium, including extraction, applications, and the development of vanadium in industry and manufacturing, with a focus on industrial Panzhihua in China, which has one of the largest reserves of vanadium in the world. Based on the author’s 30+ years of experience in vanadium-based materials, including in industrial development, this book provides a solution for understanding the nature, sourcing, manufacture, and uses of vanadium in high-tech industry. Vanadium is critical to high-tech industry, and is used as a catalyst and as a functional material. It has applications including in high-stress alloys, batteries and supercapacitors, and catalysts. Research on vanadium has accelerated rapidly in scope and depth in recent years. Covers the different vanadium extraction processes Describes the configuration of industry relating to vanadium, focusing on products and processes Details vanadium applications in technology and in relation to particular product categories Considers the case of vanadium resource shortages, and the industry response Provides the necessary background to the theory, practice, technology, and manufacture of vanadium in contemporary industry

The Rocking Book of Rocks-Florence Bullough 2019-08-06 Learn everything you ever wanted to know about rocks and minerals in this stunning book. Discover space rocks, gemstones, metals, volcanoes, world wonders and more. With out-of-this-world artwork from Anna Alanko and expert content written by two geologists, this is the book all rock-crazy kids need.

Handbook of Geotechnical Investigation and Design Tables-Burt G. Look 2007-04-26 This practical handbook of properties for soils and rock contains, in a concise tabular format, the key issues relevant to geotechnical investigations, assessments and designs in common practice. In addition, there are brief notes on the application of the tables. These data tables are compiled for experienced geotechnical professionals who require a reference document to access key information. There is an extensive database of correlations for different applications. The book should provide a useful bridge between soil and rock mechanics theory and its application to practical engineering solutions. The initial chapters deal with the planning of the geotechnical investigation, the classification of the soil and rock properties and some of the more used testing is then covered. Later chapters show the reliability and correlations that are used to convert that data in the interpretative and assessment phase of the project. The final chapters apply some of these concepts to geotechnical design. This book is intended primarily for practicing geotechnical engineers working in investigation, assessment and design, but should provide a useful supplement for postgraduate courses.

Sedimentary Petrology-Maurice E. Tucker 2013-05-22 The earlier editions of this book have been used by successive generations of students for more than 20 years, and it is thestandard text on the subject in most British universities and manyothers throughout the world. The study of sediments and sedimentary rocks continues to be acore topic in the Earth Sciences and this book aims to provide aconcise account of their composition, mineralogy, textures,structures,diagenesis and depositional environments. This latest edition is noteworthy for the inclusion of 16 plateswith 54 colour photomicrographs of sedimentary rocks inthin-section. These bring sediments to life and show their beautiful colorful appearance under the microscope; they will aid thestudent enormously in laboratory petrographic work. The text hasbeen revised where necessary and the reference and further readinglists brought up-to-date. New tables have been included to helpundergraduates with rock and thin-section description andinterpretation. New 16-page colour section will mean students do not need tobuy Longman Atlas All illustrations redrawn to higher standard Complete revision of text - new material on sedimentarygeochemistry, etc

Sedimentary Geology-Donald R. Prothero 2013-12-30 Written for a first course in sedimentary geology or sedimentary rocks and stratigraphy (with only an introductory geology/physical geology course as a prerequisite), Prothero and Schwab shows students how sedimentary strata serves geologists as a continuous record of Earth's history. The authors' conversational style, and focus on the important concepts make the book highly accessible to an undergraduate audience.

Geological Field Sketches and Illustrations-Matthew J. Genge 2020-01-16 Learning to draw field sketches is an essential task for geologists, however it is often overlooked. This book presents simple techniques, useful tips and detailed examples to teach geologists how to draw rocks successfully. Field sketches are the best way to record the natural world, and yet they are one of the most difficult parts of fieldwork to master. This book shows how to go about drawing the key elements of geology in and out of the field and is a practical guide that will help you improve your diagrams and the quality of your notes. Through simple rules, useful tips and detailed examples the author describes how to go about drawing outcrops, structures, hand specimens and thin-sections and what features need to be observed and recorded. If you've ever wished you could draw geology better, this book is for you.

Facies Models-Geological Association of Canada 1979

Geological Monitoring-Rob Young 2009 "Geologic Monitoring is a practical, nontechnical guide for land managers, educators, and the public that synthesizes representative methods for monitoring short-term and long-term change in geologic features and landscapes. A prestigious group of subject-matter experts has carefully selected methods for monitoring sand dunes, caves and karst, rivers, geothermal features, glaciers, nearshore marine features, beaches and marshes, paleontological resources, permafrost, seismic activity, slope movements, and volcanic features and processes. Each chapter has an overview of the resource; summarizes features that could be monitored; describes methods for monitoring each feature ranging from low-cost, low-technology methods (that could be used for school groups) to higher cost, detailed monitoring methods requiring a high level of expertise; and presents one or more targeted case studies."--Publisher's description.

Apatites and their Synthetic Analogues-Petr Ptáček 2016-04-13 Apatite-type minerals and their synthetic analogues are of interest of many industrial branches and scientific disciplines including material sciences, chemical industry, agriculture, geology, medicine and dentistry. This book provides a basic overview of general knowledges of this topic in order to provide the comprehensive survey from a scientific and technological perspective. The book is divided into 10 chapters, which are devoted to the structure and properties of minerals from the supergroup of apatite, experimental techniques of preparation and characterization of synthetic analogues of apatite minerals, substitution in the structure of apatite as well as utilization of these materials in wide range of common and special advanced applications in industry, material sciences and research. Additionally, the phosphate rocks, their classification, geological role, mining and beneficiation of phosphate ore, production of elemental phosphorus, phosphoric acid and fertilizers are also described. Although this book is meant for chemist, material scientist and research engineers, the individual chapters contain theoretical background, historical aspects as well as examples of synthetic and analytical methods which may be also interesting for students and non-expert readers as well.

Practical Hydrogeology: Principles and Field Applications, Third Edition-Willis D. Weight 2019-02-01 Master the latest advances in hydrogeology using this fully updated resource This thoroughly revised guide clearly explains cutting-edge hydrogeology techniques that can be applied in the field. Featuring contributions from leading experts, Practical Hydrogeology: Principles and Field Applications, Third Edition, shows how to plan and conduct site investigations, avoid pitfalls in the field, interpret a wide array of data types gathered, and prepare water-quality reports. You will get complete coverage of key procedures, including aquifer testing, groundwater sampling, water-quality assessment, aquifer characterization, and tracer tests. This third edition has been reorganized and expanded with up-to-date information, a new chapter, review questions, and real-world examples. Coverage includes:•Field hydrogeology•The geology of hydrogeology•Aquifer properties•Groundwater flow•Pumping tests•Slug testing•Aquifer hydraulics•Water chemistry sampling•Groundwater/surface-water interaction•Vadose-zone analysis•Karst hydrogeology and tracer tests•Drilling and well completion

Sedimentology and Stratigraphy-Gary Nichols 2013-04-30 This fully revised and updated edition introduces the reader to sedimentology and stratigraphic principles, and provides tools for the interpretation of sediments and sedimentary rocks. The processes of formation, transport and deposition of sediment are considered and then applied to develop conceptual models for the full range of sedimentary environments, from deserts to deep seas and reefs to rivers. Different approaches to using stratigraphic principles to date and correlate strata are also considered, in order to provide a comprehensive introduction to all aspects of sedimentology and stratigraphy. The text and figures are designed to be accessible to anyone completely new to the subject, and all of the illustrative material is provided in an accompanying CD-ROM. High-resolution versions of these images can also be downloaded from the companion website for this book at: www.wiley.com/go/nicholsedimentology.

Kerogen-Collectif 1980

Encyclopedia of Engineering Geology-Peter Bobrowsky 2018-08-14 This volume addresses the multi-disciplinary topic of engineering geology and the environment, one of the fastest growing, most relevant and applied fields of research and study within the geosciences. It covers the fundamentals of geology and engineering where the two fields overlap and, in addition, highlights specialized topics that address principles, concepts and paradigms of the discipline, including operational terms, materials, tools, techniques and methods as well as processes, procedures and implications. A number of well known and respected international experts contributed to this authoritative volume, thereby ensuring proper geographic representation, professional credibility and reliability. This superb volume provides a dependable and ready source of information on approximately 300 topical entries relevant to all aspects of engineering geology. Extensive illustrations, figures, images, tables and detailed bibliographic citations ensure that the comprehensively defined contributions are broadly and clearly explained. The Encyclopedia of Engineering Geology provides a ready source of reference for several fields of study and practice including civil engineers, geologists, physical geographers, architects, hazards specialists, hydrologists, geotechnicians, geophysicists, geomorphologists, planners, resource explorers, and many others. As a key library reference, this book is an essential technical source for undergraduate and graduate students in their research. Teachers/professors can rely on it as the final authority and the first source of reference on engineering geology related studies as it provides an exceptional resource to train and educate the next generation of practitioners.

An Introduction to Carbonate Sediments and Rocks-Terence P. Scoffin 1987

Field Methods for Geologists and Hydrogeologists-Fakhy A. Assaad 2013-03-09 From the reviews: "...is a "must" for serious field novices, and for seasoned middle-career and senior practitioners in hydrogeology, mainly those people who answer a calling to offer honest and accurate hydrogeological approximations and findings. Any engineering geologist or groundwater geologist who claims capability as a "Hydrogeologist" should own this book and submit it to highlighting and page tabbing. Of course, the same goes for those who practice in karst terranes, as author LaMoreaux is one of the pioneers in this field, worldwide..." (Allen W. Hatheway)

Geochemistry of Organic Matter in Sediments and Sedimentary Rocks-L. M. Pratt 1992

Ancient Sedimentary Environments-Selley, Richard C. 2013-05-13 This edition retains the case history approach to emphasize the subsurface diagnosis of environments using seismic and geophysical well logs and their application to petroleum exploration and production. This book should be of interest to undergraduates in sedimentology and petroleum geology.